

PI 542045-continued

origin: United States. **origin institute:** Illinois Agr. Exp. Sta., Urbana, Illinois 61801. **cultivar:** IL1.
pedigree: Hobbit x T208. **other id:** CV-272. **source:** Crop Sci. 31(1):233 1991. **group:** CSR-SOYBEAN. **other id:** L84-3775. **remarks:** Relative maturity 2.6. Stems determinate. Flowers purple. Pubescence gray. Pods tan. Seeds shiny yellow with yellow to very light buff hilum. Compared to Hoyt in field tests at Urbana, averaged approx. 85% of Hoyt's yield, same maturity date, 8% greater plant height, similar protein content, lower oil by 2 percentage points, and seeds that averaged 71mg or 42% smaller than Hoyt and 50% smaller than. Annual. Cultivar. Seed.

PI 542046. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Bernard, R.L., Illinois Agr. Exp. Sta., University of Illinois, 1102 South Goodwin, Urbana, Illinois, United States.
remarks: IL2 Soybean. Received May 24, 1990.

origin: United States. **origin institute:** Illinois Agr. Exp. Sta., Urbana, Illinois 61801. **cultivar:** IL2.
pedigree: Hobbit x PI 408016B. **other id:** CV-273.
source: Crop Sci. 31(1):234 1991. **group:** CSR-SOYBEAN.
other id: L85-6899. **remarks:** Relative maturity 3.6. Stems determinate. Flowers purple. Pubescence gray. Pods tan. Seeds dull yellow with yellow to very light buff hilum. Compared to Hobbit in field tests at Urbana, averaged approx. 85% of Hobbit's seed yield, same maturity date, 25% greater plant height, 3.6 percentage points higher in protein, 4.0 lower in oil, and seeds that averaged 96mg or 30% smaller than Hobbit. Annual. Cultivar. Seed.

PI 542047. *Hordeum vulgare* L. POACEAE Barley

Donated by: Rasmusson, D.C., Minnesota Agr. Exp. Sta., University of Minnesota, Dept. of Agronomy, 1991 Buford Circle, St. Paul, Minnesota, United States. **remarks:** Excel Barley. Received May 24, 1990.